

JUN 18 2007

DOCKET No. 2002.04.003.WS0
U.S. SERIAL No. 10/080,889
PATENTIN THE CLAIMS

The current claims follow. For claims not marked as amended in this response, any difference in the claims below and the previous state of the claims is unintentional and in the nature of a typographical error.

1. (Currently Amended) For use in a base transceiver station of a wireless communications system, an apparatus for supporting dual standards comprising:

a sectored antenna system for a coverage area; and
an omni antenna system for the coverage area, wherein the sectored antenna system is employed for wireless communications utilizing a first standard on a first frequency assignment within the coverage area and the omni antenna system is employed for wireless communications utilizing a second standard on a second frequency assignment within the coverage area.

2. (Original) The apparatus according to claim 1, wherein one of the first and second standards is compatible with the other of the first and second standards.

3. (Original) The apparatus according to claim 2, wherein, upon failure of wireless communications utilizing the other of the first and second standards within the coverage area, wireless communications utilizing the other of the first and second standards within the coverage

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area is resumed with the antenna system employed for the compatible one of the first and second standards.

4. (Original) The apparatus according to claim 1, wherein the first standard is IS-2000 and the second standard is one of 1xEV-D0 and 1xEV-DV.

5. (Original) The apparatus according to claim 1, wherein the first standard is one of 1xEV-D0 and 1xEV-DV and the second standard is IS-2000.

6. (Currently Amended) For use in a base transceiver station of a wireless communications system, an apparatus for supporting dual standards comprising:

a first coverage area employing a sectored antenna system for wireless communications utilizing a first standard within the first coverage area and a sectored antenna system for wireless communications utilizing a second standard within the first coverage area; and

a second coverage area employing a sectored antenna system for wireless communications utilizing the first standard within the second coverage area and an omni antenna system for wireless communications utilizing the second standard within the second coverage area,

wherein the first standard operates on a first frequency assignment and the second standard operates on a second frequency assignment.

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7. (Original) The apparatus according to claim 6, wherein one of the first and second standards is compatible with the other of the first and second standards.

8. (Original) The apparatus according to claim 7, wherein, upon failure of wireless communications utilizing the other of the first and second standards within one of the first and second coverage areas, wireless communications utilizing the other of the first and second standards within the one of the first and second coverage areas is resumed with the antenna system employed for the compatible one of the first and second standards.

9. (Original) The apparatus according to claim 6, wherein the first standard is IS-2000 and the second standard is one of 1xEV-D0 and 1xEV-DV.

10. (Original) The apparatus according to claim 6, wherein the first standard is one of 1xEV-D0 and 1xEV-DV and the second standard is IS-2000.

11. (Currently Amended) For use in a base transceiver station of a wireless communications system, an apparatus for supporting dual standards comprising:

a first antenna system for wireless communications utilizing a first standard on a first frequency assignment within a coverage area; and

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a second antenna system for wireless communications utilizing a second standard on a second frequency assignment within the coverage area,

wherein one of the first and second standards is compatible with the other of the first and second standards and, upon failure of wireless communications utilizing the other of the first and second standards within the coverage area, wireless communications utilizing the other of the first and second standards within the coverage area is resumed with the antenna system employed for the compatible one of the first and second standards.

12. (Original) The apparatus according to claim 11, wherein the first antenna system is a sectored system and the second antenna system is an omni system.

13. (Original) The apparatus according to claim 11, wherein the first antenna system is an omni system and the second antenna system is a sectored system.

14. (Original) The apparatus according to claim 11, wherein the first standard is IS-2000 and the second standard is one of 1xEV-D0 and 1xEV-DV.

15. (Original) The apparatus according to claim 11, wherein the first standard is one of 1xEV-D0 and 1xEV-DV and the second standard is IS-2000.

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16. (Currently Amended) For use in a base transceiver station of a wireless communications system, a method of supporting dual standards comprising:

employing a sectored antenna system for wireless communications utilizing a first standard on a first frequency assignment within a coverage area; and

employing an omni antenna system for the coverage area, wherein the sectored antenna system is employed for wireless communications utilizing a second standard on a second frequency assignment within the coverage area.

17. (Original) The method according to claim 16, wherein one of the first and second standards is compatible with the other of the first and second standards.

18. (Original) The method according to claim 17, further comprising:
upon failure of wireless communications utilizing the other of the first and second standards within the coverage area, resuming wireless communications utilizing the other of the first and second standards within the coverage area with the antenna system employed for the compatible one of the first and second standards.

19. (Original) The method according to claim 16, wherein the first standard is IS-2000 and the second standard is one of 1xEV-D0 and 1xEV-DV.

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20. (Original) The method according to claim 16, wherein the first standard is one of 1xEV-D0 and 1xEV-DV and the second standard is IS-2000.

21. (Currently Amended) For use in a base transceiver station of a wireless communications system, a method of supporting dual standards comprising:

employing a sectored antenna system for wireless communications utilizing a first standard within a first coverage area and a sectored antenna system for wireless communications utilizing a second standard within the first coverage area; and

employing a sectored antenna system for wireless communications utilizing the first standard within a second coverage area and an omni antenna system for wireless communications utilizing the second standard within the second coverage area,

wherein the first standard operates on a first frequency assignment and the second standard operates on a second frequency assignment.

22. (Original) The method according to claim 21, wherein one of the first and second standards is compatible with the other of the first and second standards.

23. (Original) The apparatus according to claim 22, further comprising:
upon failure of wireless communications utilizing the other of the first and second standards within one of the first and second coverage areas, resuming wireless communications utilizing the

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other of the first and second standards within the one of the first and second coverage areas with the antenna system employed for the compatible one of the first and second standards.

24. (Original) The method according to claim 21, wherein the first standard is IS-2000 and the second standard is one of 1xEV-D0 and 1xEV-DV.

25. (Original) The method according to claim 21, wherein the first standard is one of 1xEV-D0 and 1xEV-DV and the second standard is IS-2000.

26. (Currently Amended) For use in a base transceiver station of a wireless communications system, a method of supporting dual standards comprising:

employing a first antenna system for wireless communications utilizing a first standard on a first frequency assignment within a coverage area;

employing a second antenna system for wireless communications utilizing a second standard on a second frequency assignment within the coverage area, wherein one of the first and second standards is compatible with the other of the first and second standards; and

upon failure of wireless communications utilizing the other of the first and second standards within the coverage area, resuming wireless communications utilizing the other of the first and second standards within the coverage area with the antenna system employed for the compatible one of the first and second standards.

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27. (Original) The method according to claim 26, wherein the first antenna system is a sectored system and the second antenna system is an omni system.

28. (Original) The method according to claim 26, wherein the first antenna system is an omni system and the second antenna system is a sectored system.

29. (Original) The method according to claim 26, wherein the first standard is IS-2000 and the second standard is one of 1xEV-D0 and 1xEV-DV.

30. (Original) The method according to claim 26, wherein the first standard is one of 1xEV-D0 and 1xEV-DV and the second standard is IS-2000.